

Name: \_\_\_\_\_

**at1110paper\_\_practice\_\_test (v26)**

1. Expand the following expression into standard form.

$$(9x - 5)(4x + 7)$$

2. Solve the equation.

$$(3x + 5)(7x + 6) = 0$$

3. Expand the following expression into standard form.

$$(4x + 5)(4x - 5)$$

4. Expand the following expression into standard form.

$$(9x - 4)^2$$

5. Factor the expression.

$$x^2 + 5x - 24$$

6. Factor the expression.

$$25x^2 - 64$$

7. Solve the equation with factoring by grouping.

$$15x^2 - 20x - 6x + 8 = 0$$

8. Solve the equation.

$$6x^2 + 10x + 25 = 4x^2 - 5x - 3$$